

IN THE CLAIMS

Please amend the claims as follows:

1. (Canceled)

2. (Currently Amended) The apparatus of claim [[1]] 7 wherein said security facility further comprises an encryption object.

3. (Previously Presented) The apparatus of claim 2 wherein said security facility further comprises security support provider interface.

4. (Previously Presented) The apparatus of claim 3 wherein said security facility further comprises a decryption object.

5. (Previously Presented) The apparatus of claim 4 wherein said user terminal is responsively coupled to a data base management system via a publically accessible digital data communication network and wherein said service application is located within said data base management system.

6. (Canceled) A method of handling a service request from a client application to a service application, comprising:

- a. embedding a security facility within a communication class library;
- b. generating a service request within a user terminal using said client application;
- c. transferring said service request from said client application to said service application located within a computer which is different from said user terminal;
- d. receiving said service request by said service application;
- e. honoring said service request by said service application; and
- f. automatically implementing security functions from said embedded security facility during said step which honors said service request.

7. (Currently Amended) A method according to claim 6 further of handling a service request from a client application to a service application, comprising,

- a. embedding a security facility within a communication class library;
- b. generating a service request within a user terminal using said client application;

- c. transferring said service request from said client application to said service application located within a computer which is different from said user terminal;
- d. receiving said service request by said service application;
- e. honoring said service request by said service application;
- f. automatically implementing security functions from said embedded security facility during said step which honors said service request; and
- g. having a context token transferred from said client to said service application identifying required security functions from said embedded security facility.

8. (Previously Presented) A method according to claim 7 wherein said transferring step further comprises transferring said service request to said service application via a publically accessible digital data communication network.

9. (Previously Presented) A method according to claim 8 wherein said client application is located within said user terminal.

10. (Previously Presented) A method according to claim 9 further comprising a data base management system wherein said service application is located within said data base management system.

11-16. (Canceled)

17. (Currently Amended) The data processing system according to claim [[16]] 10 wherein said context token is transferred from said client application to said service application along with said service request.

18-21. (Canceled)